The following listing of the claims replaces all prior versions of the claims in this application.

Listing of the claims

1-30 (Cancelled).

31. (Currently Amended) An edge device for a powered door of an elevator doorway, the edge device comprising:

an elongate array of infrared transmitter elements ~~capable of emitting~~ each adapted to emit infrared radiation for use in detecting objects proximate the elevator doorway,

and an elongate array of illuminable elements ~~capable of emitting~~ each adapted to emit visible light ~~and of being illuminated~~ to illuminate the elevator doorway when the door is open such that the visible light is visible to persons approaching the ~~door~~ elevator doorway,

wherein each illuminable element ~~being itself~~ is elongated in the direction of elongation of the array; and,

wherein the illuminable elements ~~being~~ are arranged substantially end-to-end.

32. (Previously presented) The edge device of claim 31, wherein the infrared transmitter elements and the illuminable elements are disposed in a common carrier structure.

33. (Currently Amended) An edge device for a powered door of an elevator doorway, the edge device comprising:

an elongate array of infrared transmitter elements ~~capable of emitting~~ each adapted to emit infrared radiation for use in detecting objects proximate the elevator doorway; and,

at least one illuminable element which extends with the array of infrared transmitter elements for a substantial part of the length thereof, and which is adapted to emit ~~and capable of emitting~~ visible light ~~and of being illuminated~~ to illuminate the elevator doorway when the door

is open such that the visible light is visible to persons approaching the ~~door,~~ elevator doorway;

wherein the infrared transmitter elements and the at least one illuminable element ~~being~~ are disposed in a common carrier structure.

34. (Previously Presented) The edge device of claim 32, wherein the common carrier structure is a channel member.

35. (Previously Presented) The edge device of claim 33, wherein the common carrier structure is a channel member.

36. (Currently Amended) The edge device of claim 35, wherein the at least one illuminable element ~~is a series~~ comprises an array of illuminable elements.

37. (Currently Amended) The edge device of claim 36, wherein the infrared transmitter elements are vertically interleaved with the ~~series~~ array of illuminable elements along the length of the array, each adjacent pair of the illuminable elements being separated by a respective infrared transmitter element.

38. (Currently Amended) The edge device of claim 37, wherein the infrared transmitter elements extend vertically on a first side of the device, and the ~~series~~ array of illuminable elements extend vertically alongside the infrared transmitter elements on a second side of the device.

39. (Currently Amended) The edge device of claim 33, wherein the common carrier structure is a channel member, wherein the infrared transmitter elements extend vertically on a first side of the channel member wherein the at least one illuminable element comprises an array of illuminable elements, and wherein the ~~series~~ array of illuminable elements ~~extend~~ extends

vertically alongside the infrared transmitter elements on a second side of the channel member, the edge device further comprising a barrier member extending longitudinally in the channel member to separate the first and second sides of the channel member.

40. (Previously Presented) The edge device of claim 33, wherein the at least one illuminable element includes circuitry that is positioned so as to be isolated against interference from circuitry utilized by the infrared transmitter elements.

41. (Currently Amended) The edge device of claim 33, comprising drive circuitry configured to cause ~~some of~~ the at least one illuminable element to flash as an indication that the door is closing or is about to close.

42. (Previously Presented) The edge device of claim 31, wherein one or more of the illuminable elements each comprises a length of electroluminescent wire.

43. (Currently Amended) The edge device of claim 33, wherein ~~one or more of~~ the at least one illuminable element comprises a length of electroluminescent wire.

44. (Cancelled)

45. (Cancelled)

46. (Previously Presented) An edge-device illuminable element having an elongate dimension and being configured to be disposed substantially end-to-end with other such elements, the illuminable element comprising:

at least one localised source of light;

a light-emitting surface disposed along said elongate dimension;

a light-spreading lens; and,

a light diffuser for diffusing the spread light;

wherein the light-spreading lens in one axis is cylindrical with an elliptical outer curvature and an inner curvature such that light is constrained to leave the lens with a generally equal light intensity at all points on the outer curvature.

47. (Previously Presented) The element of claim 46, wherein the inner curvature has an eccentricity of unity or greater.

48. (Previously Presented) The element of claim 47, wherein the inner curvature has a parabolic shape.

49. (Previously Presented) The element of claim 46, wherein the source of light is a diode.

50. (Previously Presented) The element of claim 46, wherein the source of light is a multi-colour diode.

51. (Currently Amended) An edge device for a powered door of an elevator doorway, the edge device comprising:

an elongate array of infrared receiver elements ~~capable of receiving~~ each adapted to receive infrared radiation for use in detecting objects proximate the elevator doorway; [[,]] and

an elongate array of illuminable elements ~~capable of emitting~~ each adapted to emit visible light ~~and of being illuminated~~ to illuminate the elevator doorway when the door is open such that the visible light is visible to persons approaching the ~~door,~~ elevator doorway;

wherein each illuminable element ~~being itself~~ is elongated in the direction of elongation of the array; and,

wherein the illuminable elements ~~being~~ are arranged substantially end-to-end.

52. (Currently Amended) An edge device for a powered door of an elevator doorway, the edge device comprising;

an elongate array of infrared transmitter elements ~~capable of emitting~~ each adapted to emit infrared radiation ~~and of~~ for use in detecting objects proximate the elevator doorway;

wherein the elongate array further comprises infrared receiver elements ~~capable of receiving~~ each adapted to receive infrared radiation for use in the detection of said objects proximate the elevator doorway, and,

an elongate array of illuminable elements ~~capable of emitting~~ each adapted to emit visible light ~~and of being illuminated~~ to illuminate the elevator doorway when the door is open such that the visible light is visible to persons approaching the ~~door,~~ elevator doorway;

wherein each illuminable element ~~being itself~~ is elongated in the direction of elongation of the array; and,

wherein the illuminable elements ~~being~~ are arranged substantially end-to-end.

53. (Currently Amended) An edge device for a powered door of an elevator doorway, the edge device comprising:

an elongate array of infrared receiver elements ~~capable of receiving~~ each adapted to receive infrared radiation for use in detecting objects proximate the elevator doorway; and,

~~and~~ at least one illuminable element which extends with the array of the infrared receiver elements for a substantial part of the length thereof, and which is ~~capable of emitting~~ adapted to emit visible light ~~and of being illuminated~~ to illuminate the elevator doorway when the door is open such that the visible light is visible to persons approaching the ~~door,~~ elevator doorway;

wherein the infrared receiver elements and the at least one illuminable element ~~being~~ are disposed in a common carrier structure.

54. (Currently Amended) An edge device for a powered door of an elevator doorway, the

edge device comprising:

an elongate array of infrared transmitter elements ~~capable of emitting~~ each adapted to emit infrared radiation for use in detecting objects proximate the elevator doorway,

wherein the elongate array further comprises ~~and of~~ infrared receiver elements ~~capable of receiving~~ each adapted to receive infrared radiation for use in detection of said objects proximate the elevator doorway; and,

~~and~~ at least one illuminable element which extends with the array of infrared transmitter and receiver elements for a substantial part of the length thereof, and which is ~~capable of emitting~~ adapted to emit visible light ~~and of being illuminated~~ to illuminate the elevator doorway when the door is open such that the visible light is visible to persons approaching the ~~door,~~ elevator doorway;

wherein the infrared transmitter and receiver elements and the at least one illuminable element ~~being~~ are disposed in a common carrier structure.

55. (New) The edge device of claim 31, wherein the array of infrared transmitter elements and the array of illuminable elements are interleaved with one another.

56. (New) The edge device of claim 51, wherein the array of infrared receiver elements and the array of illuminable elements are interleaved with one another.

57. (New) The edge device of claim 51, wherein the infrared receiver elements and the illuminable elements are disposed in a common carrier structure.

58. (New) The edge device of claim 57, wherein the common carrier structure is a channel member.

59. (New) The edge device of claim 53, wherein the common carrier structure is a channel

member.

60. (New) The edge device of claim 59 wherein the at least one illuminable element comprises an array of illuminable elements.

61. (New) The edge device of claim 60, wherein the infrared receiver elements are vertically interleaved with the array of illuminable elements along the length of the array, each adjacent pair of the illuminable elements being separated by a respective infrared receiver element.

62. (New) The edge device of claim 61, wherein the infrared receiver elements extend vertically on a first side of the device, and the array of illuminable elements extend vertically alongside the infrared receiver elements on a second side of the device.

63. (New) The edge device of claim 53, wherein the common carrier structure is a channel member, wherein the array of infrared receiver elements extends vertically on a first side of the channel member, wherein the at least one illuminable element comprises an array of illuminable elements, and wherein the array of illuminable elements extends vertically alongside the infrared receiver elements on a second side of the channel member, the edge device further comprising a barrier member extending longitudinally in the channel member to separate the first and second sides of the channel member.

64. (New) The edge device of claim 53, wherein the at least one illuminable element includes circuitry that is arranged so as to be isolated against interference from circuitry utilized by the infrared receiver elements.

65. (New) The edge device of claim 53, comprising drive circuitry configured to cause the at least one illuminable element to flash as an indication that the door is closing or is about to close.

66. (New) The edge device of claim 51, wherein one or more of the illuminable elements each comprises a length of electro-luminescent wire.

67. (New) The edge device of claim 53, wherein the at least one illuminable element comprises a length of electroluminescent wire.

68. (New) An edge device for a powered door of an elevator doorway, the edge device comprising:

an elongate array of infrared transmitter elements each adapted to emit infrared radiation for use in detecting objects proximate the elevator doorway;

and an elongate array of illuminable elements each adapted to emit visible light to illuminate the elevator doorway when the door is open such that the visible light is visible to persons approaching the elevator doorway.

69. (New) An edge device for a powered door of an elevator doorway, the edge device comprising:

an elongate array of infrared receiver elements each adapted to receive infrared radiation for use in detecting objects proximate the elevator doorway;

and an elongate array of illuminable elements each adapted to emit visible light to illuminate the elevator doorway when the door is open such that the visible light is visible to persons approaching the elevator doorway.